



*Roof Exhauster Series "BRE"*

### *Application & Standard Features*

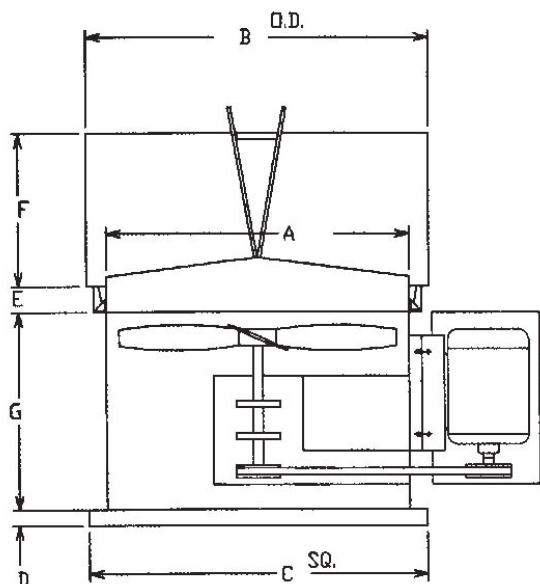
- Sturdy construction, belt driven for industrial and commercial applications
- Galvanized steel wind band
- Galvanized steel rain proof butterfly dampers
- Dampers rotate easily on nylon bushings
- Cast iron pillow block bearings out of air stream complete with external grease fittings
- Heavy duty sheaves and belts out of air stream
- Corrosion resistant coatings
- Totally enclosed ball bearing motors out of air stream clean dry air, maximum 200 degrees F
- Cast aluminum blades on 18" – 42" sizes and polypropylene reinforced fiberglass on 48" - 60" sizes

### *Options*

- ☐ Steel fan blades
- ☐ Two speed motors
- ☐ Explosion proof motors
- ☐ Hot dipped galvanizing
- ☐ Special coatings
- ☐ Birdscreen

### *Accessories*

- Roof curbs
- Disconnects
- Carbon monoxide detectors



FAN SIZE	A	B	C	D	E	F	G
18	18-3/8	24-5/8	24	2-1/2	4	15	18
24	24-3/8	30-5/8	30	2-1/2	4	15	21
30	30-3/8	36-5/8	36	2-1/2	4	18	21
36	36-3/8	42-5/8	42	2-1/2	4	24	27
42	42-3/8	48-5/8	48	2-1/2	4	24	27
48	48-3/8	54-5/8	54	2-1/2	4	24	31
54	54-3/8	60-5/8	60	2-1/2	4	36	40
60	60-3/8	66-5/8	68	2	4	36	40

**The future is clean air ... the future is Sourcetec®**

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# Sourcetec Roof Exhauster "BRE" Series

## Performance Chart

MODEL NO.	FAN SIZE	MOTOR HP	FAN RPM	CFM and BHP @ Static Pressure Shown									
				0"		1/4"		1/2"		3/4"		1"	
				CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
BRE-18	18"	1/2	1565	3930	0.40	3540	0.45	2830	0.49				
		3/4	1785	4530	0.58	4210	0.65	3780	0.73				
		1	1920	4890	0.72	4610	0.79	4250	0.86	3680	0.94		
		1-1/2	2255	5790	1.15	5550	1.23	5300	1.76	4990	1.40	4530	1.49
		2	2510	6490	1.59	6280	1.68	6030	1.76	5960	1.86	5510	1.96
BRE-24	24"	3/4	1180	6325	0.64	5360	0.70						
		1	1295	7020	0.84	6180	0.91	5020	0.96				
		1-1/2	1475	8090	1.22	7390	1.32	6550	1.38	5380	1.42		
		2	1620	8960	1.60	8330	1.71	6620	1.79	6740	1.86	5460	1.88
		3	1890	10670	2.49	10060	2.63	9460	2.79	8910	2.84	8240	2.94
BRE-30	30"	1	965	10050	0.86	8100	0.92						
		1-1/2	1095	11650	1.26	10130	1.34	7860	1.37				
		2	1225	13170	1.74	11930	1.85	10210	1.92	7240	1.91		
		3	1380	14910	2.48	13930	2.60	12620	2.69	10980	2.74	8240	2.74
		5	1635	17850	4.08	17160	4.25	16100	4.38	14960	4.48	13570	4.58
BRE-36	36"	2	910	16650	1.80	13980	1.86	9510	1.83				
		3	1045	19220	2.72	17550	2.80	14440	2.80				
		5	1245	23610	4.56	21780	4.68	19870	4.75	17380	4.75	12980	4.68
		7-1/2	1425	27110	6.81	27790	6.95	22410	7.09	22260	7.13	20080	7.13
BRE-42	42"	2	770	19920	1.65	15080	1.80						
		3	895	22840	2.60	19620	2.80	14940	2.90				
		5	1005	25980	3.66	23230	3.89	19980	4.01				
		7-1/2	1205	31520	6.26	29530	6.54	27040	6.78	24230	6.89	20270	7.07
		10	1335	35170	8.49	33410	8.76	31270	9.08	29020	9.32	26230	9.39
BRE-48	48"	3	745	24330	2.55	20510	2.76						
		5	885	29440	4.10	26370	4.46	22380	4.72				
		7-1/2	1005	33850	5.93	31080	6.47	28330	6.81	24740	6.96		
		10	1105	37270	7.89	34760	8.54	32520	8.99	29760	9.11	26140	9.29
		15	1265	42900	11.70	40860	12.30	38790	13.13	36270	13.54	34290	13.66
BRE-54	54"	5	710	37130	4.26	31680	4.67						
		7-1/2	810	42890	6.20	38660	6.85	33210	6.99	25390	6.87		
		10	905	48450	8.54	44640	9.41	40140	9.73	34980	9.78	27220	9.53
		15	1025	55520	12.10	52110	12.92	48280	13.81	44310	14.17	39660	14.22
BRE-60	60"	7-1/2	690	51240	6.45	45760	7.18	35770	7.09				
		10	755	56770	8.48	51490	9.21	40470	9.43	31650	8.72		
		15	870	66320	12.52	61710	13.80	56720	14.43	49520	14.34	38320	13.51
		20	955	73090	16.62	68880	17.70	65690	18.78	59270	19.16	52250	18.83

NOTE: BHP does not include drive losses

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